APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Electrochemical Investigations on Carbon Electrodes, by P. Drossbach, H. Hoff. 13p. GERMAN, per, Chemie-Ingenieur-Technik, Vol 37, No 6, 1965, pp 639-643.
TC-1093

Sci-Chem
Sept 66

303,875

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Air Pollu. #270 R-8885-D
14 Nov 67

Fundamentals of Catalytic After Burning
By: WICKE, E.
From: Chem. Ingr. Tech., 37(9) Sept 1965:892-904 (13 pp)

German - est for wds:

Please translate and type 1 camera ready and 1 xerox copy. Document can be cut.

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

AF5

1442-GJ PYROLYSIS AND OXIDATION OF PLASTICS, B. Kaesche-Krischer, Chem. Ing. Tech. 37, No. 9, 944-51(1965).
5700 W; 10 F; 9 R $19.75 ($4.00)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Heat Transfer in Dissociating Gases, by H. Beer.
20 pp.
FOR OFFICIAL USE ONLY FOR INTERNAL USE WITHIN
THE DEPARTMENT OF DEFENSE ONLY.
GERMAN, per, Chemie Ingenieur Technik, Vol 37,
No 10, 1965, pp 1047-1054.
AIR/FTD/HT-23-289-69

sci/physics
feb 70 402,738

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Scrubbing of Sulfur Dioxide From Flue Gases,
by R. Germerdonk.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 37,
No 11, 1965, pp 1136-1139.
NTC-71-10885-07A

Nov 71

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Technology of Catalytic After-Combustion of Motor Exhaust Gases, by O. Kluessener, R. Fischer.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 37, 1965, pp 1139-43.
SLA TT-66-10819

332, 226

Sci
Jul 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Glass, Glass Ceramic and Sinter (Glass Ceramic,
by W. Sack.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 37,
No 11, 1965, pp 1154-1165.
NTC-69-12954-11B

Sci-Mat
Sept 69

391,198

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

WALTER, S. and SCHINDEWOLF, U. Enrichment of deuterium by high pressure isotope exchange between hydrogen and liquid ammonia in a hot/cold plant. Chemie-Ingr-Tech. 37:1185-91 (1965)
(AAEC LIB/TRANS 225)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Material Transition in Rising Liquid Flow,
by P. M. Weinspach,
GERMAN, per, Chemie Ing Techn, Vol XXXVII,
No 12, 1965, pp 1215-1220.
Chem Trans Sv No 2641

Sci-Chem
Mar 67

320,87?4

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Heat Transfer in a Jet Stream Normal to the Transfer Surface, by E. Hilgeroth.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 37, 1965, pp 1264-1272.
NTC 72-10570-20M
Nasa TT F 13,103 26 pp $4.00

Apr 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

A Process for the Oxidation of Alkylaromatic Compounds, by E. Katzschmann.
GERMAN, per, Chemie-Ingenieur-Technik,
Vol 38, No 1, 1966, pp 1-9.
NTC 69-11480-07C

Sci-Chem
July 69

387,069

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Wall-Temperature Fluctuations During
Boiling in a Heating Tube, by
R. Morin. GOVERNMENT USE ONLY
GERMAN, pr r, Chemie-Ingenieur-Technik,
Vol XXXVIII, No 1, 1966, pp 73-76, P200036467
RSIC-618

Sci-Phys
Mar 67 320,345

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Optimization of Processing Machinery,
by H. Leuder.
GERMAN, per. Chemie Ing Techn, Vol XXXVIII,
1966, pp 241-246.
Chem Trans Sv No 2841

Sci-Chem
Mar 67

320,906

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

A Method for Determining Optimum Costing of Machinery and Groups of Machines, by N. O. Machnig.
GERMAN, per, Chemie-Ing Techn, Vol XXXVIII, 1966, pp 246-249.
Chem Trans Sv No 2829

Sci-Chem
Mar 67

320,8900

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Methods of Considering Economic Viewpoints in Planning and Building, by T. E. Schmidt. CHEMIE, per, Chemie Ing. Techn. Vol 38, 1966, pp 250-254.
Chem Trans 8v 2833

321,773

EE-Germany
Econ
Apr 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Influence of Non-Uniform Distribution and of Radial Diffusion on the Separation Efficiency of Packed Columns, by P. Flatt.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, No 3, 1966, pp 254-259.
Chem Trans Sv No 2830

Sci-Chem
Mar 67

320,901

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

The Pressure Loss at Sieve Plates on Operation Without Liquid, by F. Kneule, E. Zellbl.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, 1966, pp 260-264.
Chem Trans Sv No 2832

Sci-Chem
Mar 67

320,903

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

The Equilibrium Between Gaseous and Liquid Phases in Multicomponent Mixtures, by O. Nagel, R. Sinn.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, 1966, pp 265-274.
Chem Trans Sv No 2831

Sci-Chem
Mar 67

320,902

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Comminutuon Experiments with Tribolumines- Cent Substances, by H. Kurten.
GERMAN, per, Chemie Ingenieur-Technik, vol. 38, no. 3, 1966, pp. 331-342.
NTC 71-10978-07A

August 71

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Use of a Thermionic Halogen Detector in
Gas Chromatography, by E. Cramer.
GERMAN, per, Chemie Ing. Techn. Vol 38,
1966, pp 380-383.
Chem Trans Sv 2827

319,951

Sel - Chemistry
Mar 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Economic Criteria for Evaluating the Obsolescence (Overhauling) of Chemical Plants (Part I), by H. Kolbel, J. Schulze. GERMAN, per, Chem Ing Techn, Vol XXXVIII, No 4, 1966, pp 397-403.
Chem Trans Sv No 2737

Sci-Chem
Mar 67

320,893

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

New Stainless and Corrosion Resistant Austenitic Steels for Chemical Plant Construction: Mechanical Properties and Corrosion Resistance, by H. Spahn. GERMAN, per, Chemie-Ing. Techn., Vol 38, No 4, 1966, pp 407-417.
BISI 4986

Sci/Mat
June 68

358,472

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Lowering of the Current Costs of
Hydrochloric Acid Electrolysis, by
E. Donges, H. G. Janson.
GERMAN, per. Chemie Ing Techn, Vol XXXVIII,
1966, pp483-445.
Chem Trans Sv No 2826

Sci-Chem
Mar 67

322,192

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Materials of Construction Problems Encountered in Several New Processes for the Production of Electric Current, by K. Sagel.
GERMAN, per, Chemie Ing Techn, Vol XXXVIII, No 5, 1966, pp 509-514.
Chem Trans Sv No 2840

Sci-Chem
Mar 67 320,905

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Retention Time Distribution and Material Transfer in Gas/Liquid Phase Reactors, by P. H. Kolbel, R.N.H. Langemann.
GERMAN, per. Chemie-Ind Tech, Vol XXXVIII, No 5, 1966, pp 564-572.
Chem Trans Sv No 2640

Sci-Chem
Mar 67 320,873

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Screw Conveyors for Plastic Masses. Processing Phenomena and Reactions, by S. Kleskalt.
GERMAN, per, Chemie Ing. Tech. Vol 38, No 5, 1966, pp 573-576.
Chem Trans Sv 2890

326,331

Sci - Mech
May 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

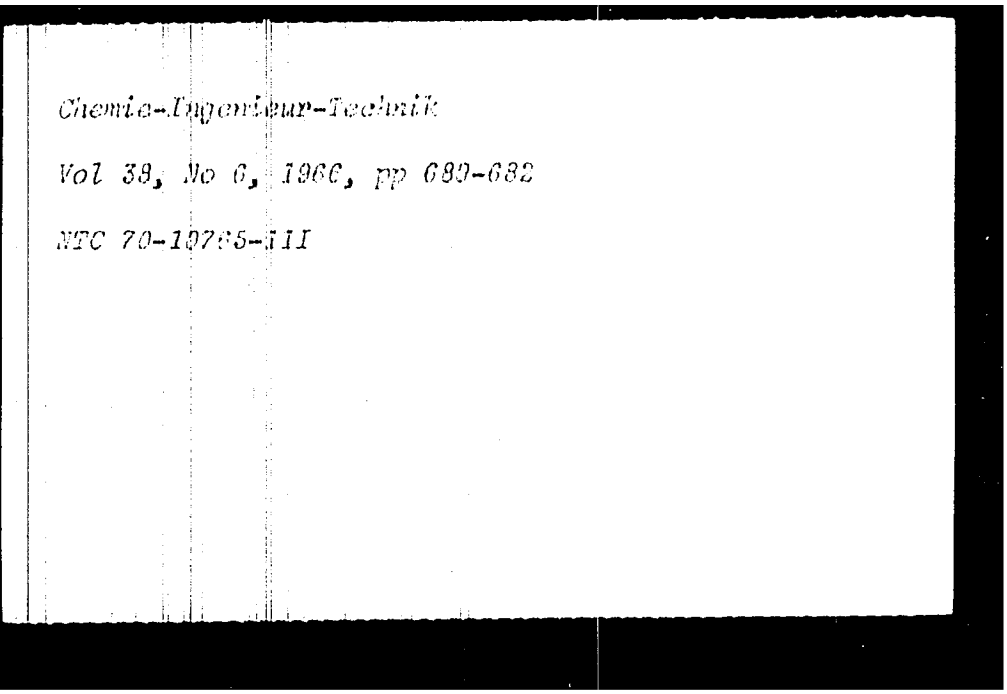
Radiochemical Investigations of Electrochemical Pyrolucite Reduction in an Acid Electrolytes, by K. Schubert, K. Schwabe.
GERMAN, per. Chemie-Ingr-Tech, Vol 38, No 6, 1966, pp 653-657.
CRL/D, 721
Vol 17, No 3, 1969

July 69

385-157

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7



Chemie-Ingenieur-Technik

Vol 38, No 6, 1966, pp 680-682

NTC 70-10705-III

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Collective Crush-Grinding of Limestone in a Vertical Circular Cylindrical Grinding Gap, by K. Leschonski.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, 1966, pp 705-711.
NTIS-71-11206-13H

Nov 71

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Technology of the Preparation of
Organic Substances With Microorganisms,
by R. Mueller.
GERMAN, per, Chemie-Ingenieur-Technik,
Vol 38, 1966, pp 813-825.
NTC 72-10536-07A

Apr 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Vertical Forces on Immersed Bodies in a Gas/Solid Material Fluidized Bed, by H. Reuter.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, 1966, pp 880-887.
NTC 72-10537-07A

Apr 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Chemical Reactions in Liquid-Ring Pumps, by H. Spos.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 9, 1966, pp 963-966.
NTC-71-12227-07A

Nov 71

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Cooling with Water or with Air?, by H. Kassat.
GERMAN, per, Chemie Ing. Techn., Vol 38,
No 9, 1966, pp 987-994.
NLL Ref: 6075.461 (2003)

Sci-Chem
Jan 69

373.597

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Recording Determination of the Molecular Weight Distribution of Polymers, by H.-J. Cantow, E. Seifert.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 10, 1966, pp 1032-1038.
NTC-69-16282-M7C

Sci-Chem
Feb 70

403,020

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Structural Parameters of Polyolefins and Their Significance for Applied Technology, by J. Plenikowski, O. Hahmann.

GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 10, 1966, pp 1063-1076.

NTC-69-16283-07C

Sci-Chem
Feb 70

403,021

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

The Influence of Inert Gases on the Heat Transfer in the Condensation of Vapours, by H. Schrader.
GERMAN, per. Chemie-Ing. Techn., Vol 38, No 10, 1966, pp 1091-1094.
NLL Ref: 6075.461 (1980)

Sci-Phys
Jan 69

372.593

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Design of Pressure-Release Apertures for the Protection of Plant Subject to Explosion Hazards in the Chemical Industry, by H. J. Heinrich.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 38, No 11, 1966, pp 1125-1133.
UKAEA (Loan Only)
Risley Tr-1190

326,452

Sci - Mech
May 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Safeguards Against Vibrational Damage to Heat Exchanger Tubes, by H. Uhlemann.
GERMAN, per, Chem Ing Technik, Vol 38, No 11, 1966, pp 1183-1186.
Wintersemi Fr 313 (Loan)

336,330

Eal - Math
May 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Value of Mercury Porosimetry in Characterising Porous Materials, by H. Juntgen and M. Schwuger
GERMAN, per, Chemie-Ing. Technik, Vol 38, 1966, pp 1271-1278.
NLL Ref: 9022.046 (97)

Sci-Chemistry
July 68

360,863

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

The Heat Pipe, by R. Pruschek
EUROPEAN, per, Chemie-Ingenieur-Technik, Vol 39,
1967, pp 21-26
NTC 71-16337-20N

NASA TT F-14,080

mar 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

A Test of the Jet Separation Process in a Closed Circulation System, by R. Schutte, D. Seidel.
GERMAN, per, Chemie Ing. Techn, Vol 39, No 2, 1967, pp 80-84.
U.K.A.E.A. (Loan Only)
CA Tr 151

327,412

Sci - Mech
Jun 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Chemie-Ingenieur-Technik

Vol 39, Nos 5/6, 1967, pp 350-353

HTC
NLL WH 104 F

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Optical Determination of Density Stratification in the Critical State, by J. Straub. GERMAN, per, Chemie Ingenieur Technik, Vol 39, No 5/6, 1967, pp 291-296. *AEC

Sci - Physics
Jun 67

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Centrifugal Separator Studies, by E. Muschelknautz
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39,
1967, pp 306-310
NTC 71-15115-07A

mar 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Chemie-Ingenieur-Technik

Vol 39, No 9, 1967, pp 471-476

NTC- 70-10706-07A

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

MUSCHELKNAUTZ, E. and BRUNNER, K. Investigations
cyclones.
Chemie-Ingr-Tech. 39(9/10):531-8 (1967) (SEC)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

M. Zlokarnik

Qualification of Stirrers for the Homogenization of Liquid Mixtures

CHEMIE-INGENIEUR-TECHNIK, Vol 39, 1967, pp 539-548
NTC-72-14664-07A

Jan 1973

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Heat and Mass Transfer Between Surfaces and Impinging Jets, by E. U. Schlunder, V. Gnielinski. GERMAN, per, Chemie-Ing-Techn, No 9/10, 1967, pp 578-584.
NLL Ref: 5828.4F (M.13056)

Sci/Phys
May 69

380,258

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Dimensioning of Spray Drying Towers, by
H. G. Kessler
EUROPEAN, per, Chemie-Ingenieur-Technik,
Vol 39, 1967, pp 601-606
NTC 71-16826-07A

Feb 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

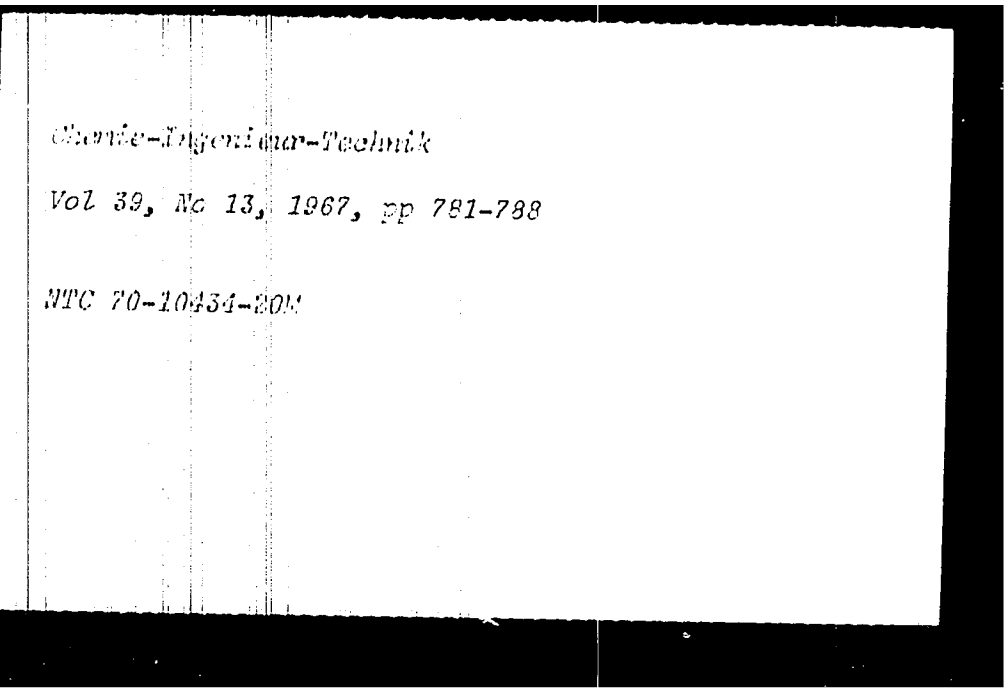
Properties, Structure and Industrial Applications of Oxygen-Diffusion Electrodes, by H. Schmidt, W. Vielstich.
GERMAN, per, Chemie Ing Tech, Vol 39, 1967, pp 761-766.
NLL Ref: 9022.4 (67/293)

Sci-Phys
Aug 68

362.033

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7



Kerntechnik

Vol 39, No 13, 1967, pp 781-788

NTC 70-10434-20M

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Stochastic Model of Equilibrium Sorting,
by O. Molerus.
GERMAN, per, Chemie-Ingenieur-Technik, Vol
39, No 13, 1967, pp 792-796.
MTC-69-13140-07A

Sci-Chn,
Sept 69

391,641

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Vibrational Criterion for a Tube Under Conditions of Transverse Incident Flow (Part I: Analogue Mechanics), by R. Gregorig, H.K.M. Andritzky.
CZECH, per, Chem Ing Tech, Vol 39, Aug 1967, pp 894-900.
CEGB Digest
C.E. Trans 4739

Sci-Phys
Dec 68

372,119

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

A New Method of Electrostatic Gas Cleanig,
by B. Bohlen, J. Luthi.
CZECH, per, Chem Ing Tech, Vol 39, Aug
1967, pp 910-913.
CEGB Digest
C.E. Trans 4747

Sci-Meth & Equip
Dec 68

372,135

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Determination of the Dust Content in Flowing Gases with Suction Probes, by H. Bohnet.
GERMAN, per. Chem Ing Techn, Vol 39, No 10, 1967, pp 972-977.
NLL Ref 9022.27 (1008)

Sci- Phys
July 69

385-421

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

AEC/NY

R-9688-D
21 Aug 68

Bestimmung der Anzahl und Grobe von Aerosolteilchen
By: H. STRAUBEL
From: Chemie-Ing.-Techn 39 Jahrg 1967, Helt 16: 977-98
(5 pp)

German - okt for words:

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Influence of the Catalyst in Cyclopropanization with Haloform and Ethylene Oxide, by
D. Klamann, M. Fligge.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39, No 17, 1967, pp 1024-1030.
NEC-69-15981-07A

Sci-Chem
Feb 70

403,063

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Pyrochemical Processing of Breeder Reactor Fuels, by W. Knoch
GERMAN, per, Chem. Ing. Techn, Vol 39, 1967, pp 1030-1035.
NLL Ref: 9091.9F (Windscale 351)

EE-Germany
Econ
July 68

360,996

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Demixing Phenomena of High Polymers
and Their Technological Significance,
by H. Gerrens.
GERMAN, per, Chemie-Ingenieur-Technik,
Vol 39, 1967, pp 1053-1061.
NTC 72-10461-07A

Apr 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

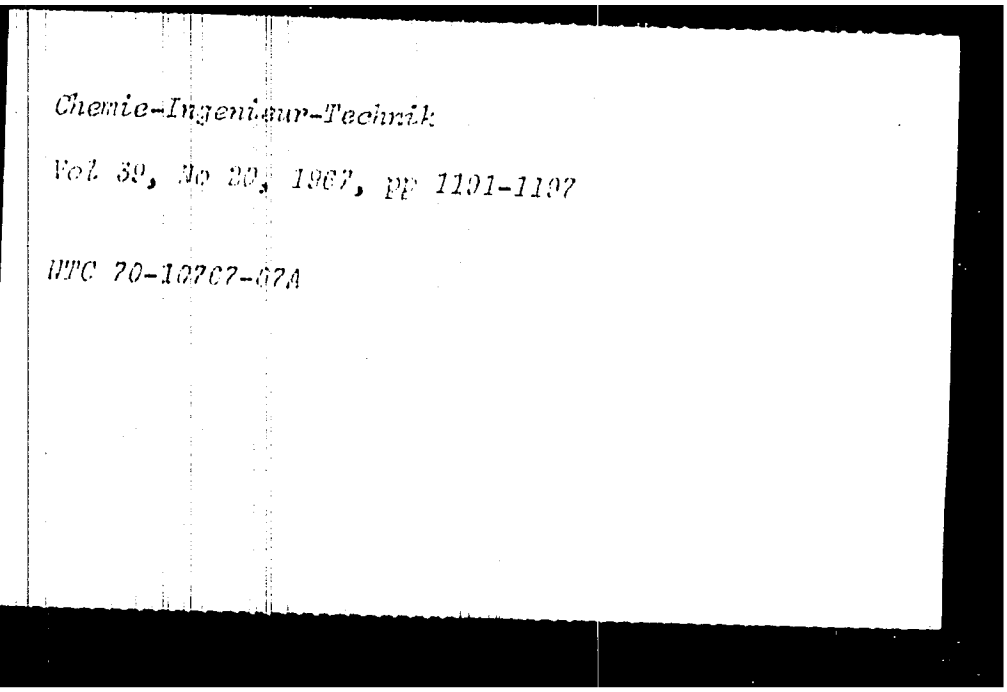
U. Regehr

Mechanical Purification of Hetrogeneous Gas Systems by Means of a New Type of Droplet Separator.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39, 1967, pp 1107-1111
NTC 72-12508-07A

sept 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7



Chemie-Ingenieur-Technik

Vol 39, No 20, 1967, pp 1101-1107

HTC 70-10707-07A

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

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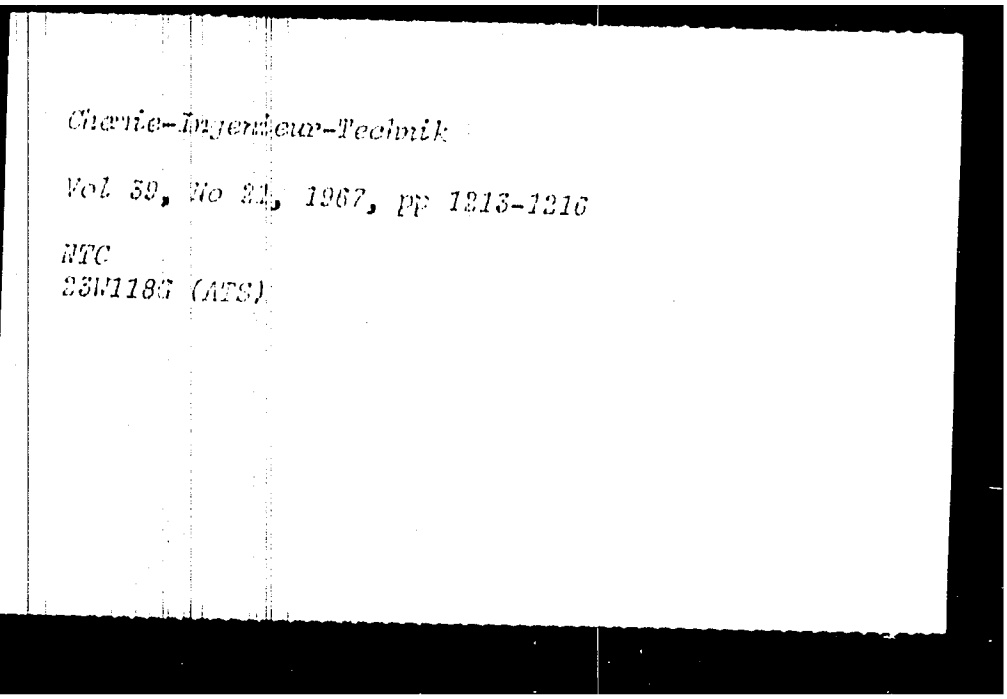


Chemie-Ingenieur-Technik

Vol 39, No 21, 1967, pp 1213-1216

NTC
23W1183 (ATS)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

The Determination of Pore-size Distribution in Coarsely Porous Materials by Mercury Porosometry, by B. Reich.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39, No 22, 1967, pp 1275-1279.
MIC-69-16397-07A

Sci-Chem
Feb 70

403,102

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Comminuting Machines, by R. Loschonski.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 39,
1967, pp 1364-1369.
NTC-71-11201-07A

Nov 71

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Spraying of Liquids Through Rotating Porous Solids, by E. Gosele.
GERMAN, per, Chemie Ing. Techn., Vol 40, 1968, pp 37-43.
NLL Ref: S828.4F (7387)

Sci-Chem
Mar 69

377,097

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Advances in the Recovery of Gypsum Mud From Phosphoric Acid Production in the Form of Semi-Hydrated Gypsum, by
E. Eipeltauer.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 40, 1968, pp 56-61.
NTC 72-10584-07A

Apr 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Continuous Determination of Concentration of NO_2 and $(NO + NO_2)$ in Chemical Production Plants, by H. K. Hofmeister.
GERMAN, per, Chemie-Ingenieur-Technik, Vol 40, 1968, pp 61-64.
NTC-71-12671-07A

Nov 71

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

East European Chemical Engineering Reviewed,
by H. J. Koalewski, 12 pp.
GERMAN, per. Chemie-Ingenieur-Technik, Jan 1968,
pp 91-94.
JPRS 46,228

Sci/Mech, Ind, Civ & Mar Engr
Sept 68

365,122

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Flash Distillation With Mixing Condensation and Communicating Stages, by P. Kunst.
GERMAN, Ver. Chem. -Ing.-Tech. Vol 40, No 3, 1968, pp 112-117.
GB 45/IB3/C/9008

sci/chem
aug 69

389,779

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Measurement of Emission Variations in Turbulent Diffusion Flames, by H. D. Simon.
GERMAN, per, Chemie Ing Techn, Vol 40, No 3, 1968, pp 121-128.
NLL Ref: 8313.4 (5611)

Sci-Phys
Mar 69

377,044

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Operation of Fuel Cells with Impure Gases,
by H. Gruene
EUROPEAN, per, Chemie-Imgenieur-Technik,
Vol 40, 1968, pp 185-191
NTC 71-16889-07A

Feb 72

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Sealing and Wear Problems in Self-Lube Reciprocating Compressors, by R. Schubert, 15 pp.
GERMAN, per. Chemie-Ingenieur-Technik, Vol 10, 1968, pp 235-241.
Dept of Navy NIC Trans 3033
NAVNIC

Sci/Mech
May 70

407,121

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Heat and Material Transfer on Impact Stemming from Field of Nozzles and Orifices, by P. Krotzsch.
GERMAN, per, Chemie-Ingr-Tech., Vol 40, No 7, 1968, pp. 339-343.
GB412/T210/MRS/68

sci-chem
aug 69

389,632

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Approximate Expression of the Temperature Dependence of the Mass-Transport Coefficients of Gases by Means of a Power Law, by R. Muller.
GERMAN, per. Chem. ing. Tech., Vol 40, No 7, 1968, pp 344-349.
NLL Ref: 8313.4 (5610)

GB 412/T 313/m 3/68

Sci-Chem
Jan 69

373,566

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Complex Aluminium Bronzes: Corrosion, Resistance and Applications, by J. Baier. GERMAN, per, Chem Ing Tech, Vol 40, 1968, pp 365-370.
NLL Ref: 9022.4 (68/202)

Sci-Mat
May 69

380,791

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Cryotrapping of Hydrogen at 4.2°K, by
B. Schimpke.
GOVERNMENT USE ONLY
GERMAN, per, Chem Ing Tech, Vol 40, No 8,
1968, pp 392-395.
NASA TT F-12,258

Sci-Chem
Aug 69

388,720

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Numerical Calculation of Retention Times in Ideal Reactors. Comparison between Tubular Reactors and Agitator Vessel Cascade, by H. I. Joschek.

GERMANY, per. Chemie-IngrTech, No 9/10, 1968, pp. 449-456.
EZ

sci-chem
aug 69

389,630

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Vibrational Criterion for a Pipe Under Conditions of Transverse Incident Flow. Pt. 2, by H. K. M. Andritzky, R. Gregorig.
GERMAN, per. Chem. Ing. Tech., Vol 40, 1968, pp. 483-488.
NLL Ref: 9022.09 (5079)
CEC B. ic 5079

sci-mech
sept 69

388,537

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Combustion in a Fluidized Bed, by L. Reh.
GERMAN, por, Chemie-Ingenieur-Technik,
Vol 40, No 11, 1968, pp 509-515.
NTC 69-10672-07A

Sci-Chem
July 69

386,681

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Influence of the Fissure Between Bent Sheet Metal and Tubes on Heat Transfer in Heat Exchange, by Herbert Fischer.
GERMAN, per, Chem Ing Tech, Vol 40(11), 1968 pp 525-528.
*AEC/ORNL-Tr-2118

Sci/ Phy
Apr 69

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Measuring Techniques for Two-phase Flow, by H. Barthels.
GERMAN, per, Chem. Ing. Tech., Vol 40, 1968, pp. 530-7.
NLL Ref: 9022.09 (5013)

Sci-Mech
July 69

327,400

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Electrolysis of Alkali Chloride, Hydrogen Chloride and Water, by K. Hass, W. Tromm. GERMAN, per, Chemie-Ingenieur-Technik, Vol 40, No 12, 1968, pp 557-564. NTC 69-10801-07A

Sci-Chem
May 69

4
382,496

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

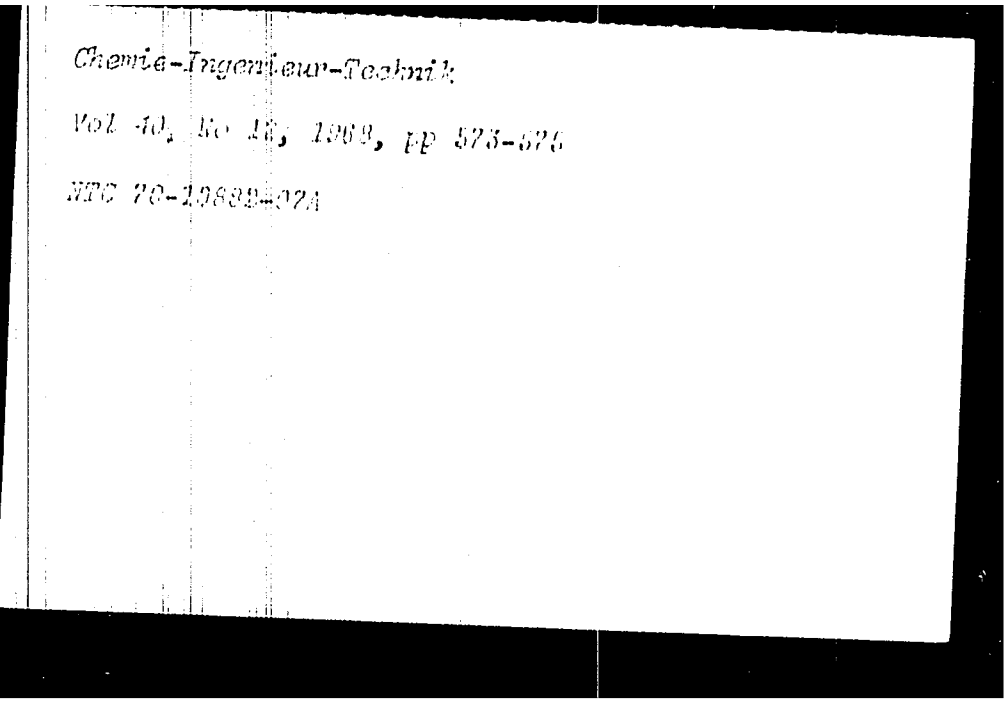
Development Tendencies in Metal Electrolysis,
by W. Schutz.
GERMAN, per, Chemie-Ing-Tech, Vol 40, No 12,
1968, pp 570-572.
CEGB
O.A. 704

Sci-Ealc
Oct 69

394,602

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7



Chemie-Ingenieur-Technik

Vol 40, No 18, 1968, pp 873-876

WPC 70-10839-07A

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Vibrational Criteria for a Pipe under Conditions of Transverse Incident Flow. Part 3: Experiments on Vibration in Bundled Tubes, by A. Konig and R. Gregorig.
GERMAN, per. Chemie Ing Technik, Vol 40, 1968, pp 645-650.
CEGB-Tr 5063

NLL RC: T082.3/(5063)

Sci/Phys
Jun 69

384,519

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

A25

1478-GJ POLYMERIZATION REACTIONS IN INDUSTRY, G. Daumiller, Chem. Ingr.-Tech. 40, No. 14, 673-82 (1968). Presentation of kinetics followed by industrial processes; soln., pptn., bead & emulsion polymerization.

7200 W; 3 T; 15 F; 56 R $23.50 ($5.00)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Concentration Variations in Isothermal Jets and in Flames, by L. Ebrahimi.
GERMAN, per, Chem Ing Tech, Vol 40, No 15, 1968, pp 769-771.
NLL Ref 8313.4 (5644)

Chem
July 69

385-366

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

RAO, N. Determination of stability limits of flames.
Chemie-Ingr-Tech. 40(15):771-3 (1968) (GB 10/5102)

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Turbulent Swirling Flames, by P. Maier.
GERMAN, pre, Chemie-Ingr-Tech, Vol 40, No 16,
1968, pp 800-806.
GB 321/330

Sci-Chem
Sept 69

392,879

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

HUMMEL, H. New magnetic oxygen meter with a very sho
response time and high selectivity.
Chemie-Ingr-Tech. 40(19):947-51 (1968) (GB 10/5304)

C. E. Trans 5304

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Mass Transport Between non-miscible Liquids,
by M. G. Frohberg.
GERMAN, par, Chemie-Ing-Tech, Vol 40, No 20,
1968, pp 981-987.
GB 39/RO 2995

Sci-Chem
Sept 69

392,878

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

Influence of the Number of Rows of Tubes on the Pressure Loss and Heat Transfer of Banks of Tubes at High Reynolds Numbers, by F. Scholz.
GERMAN, per, Chem Ing Tech, Vol 40, No 20, 1968, pp 988-995.
GB 39/HO 2993

Sci-Chem
Dec 69

398,190

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

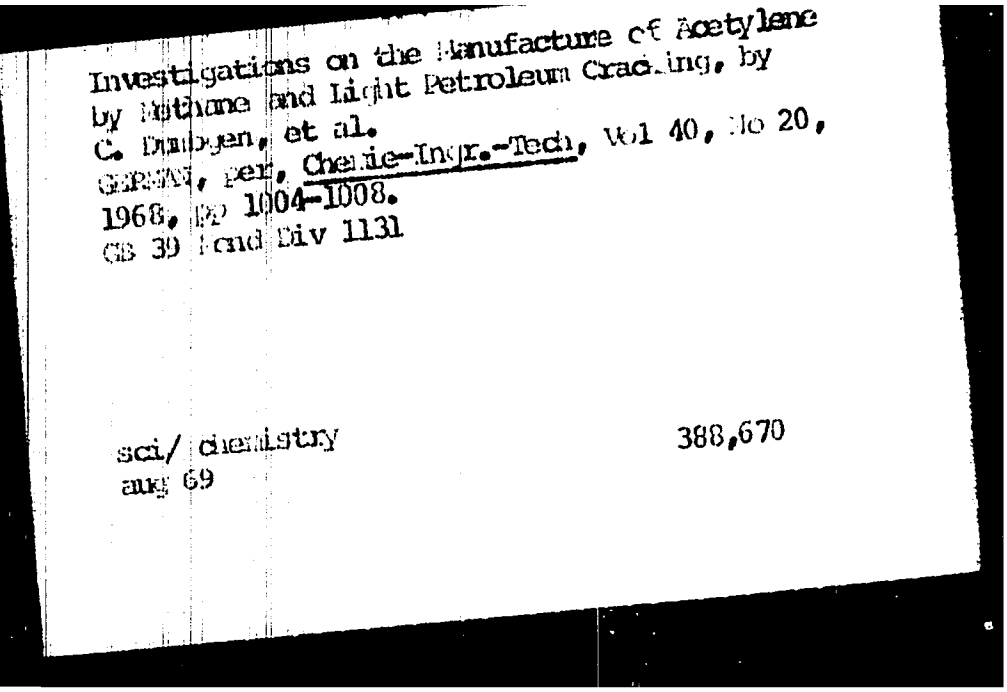
Recent Developments in the Manufacture of Acetylene at BASF, H. Friz.
GERMAN, per, Chemie Ingr-Tech., Vol 40, No 20, 1968, pp. 999-1004.
GB 412/T202/MRS

sci-chem
aug 69

389,627

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7



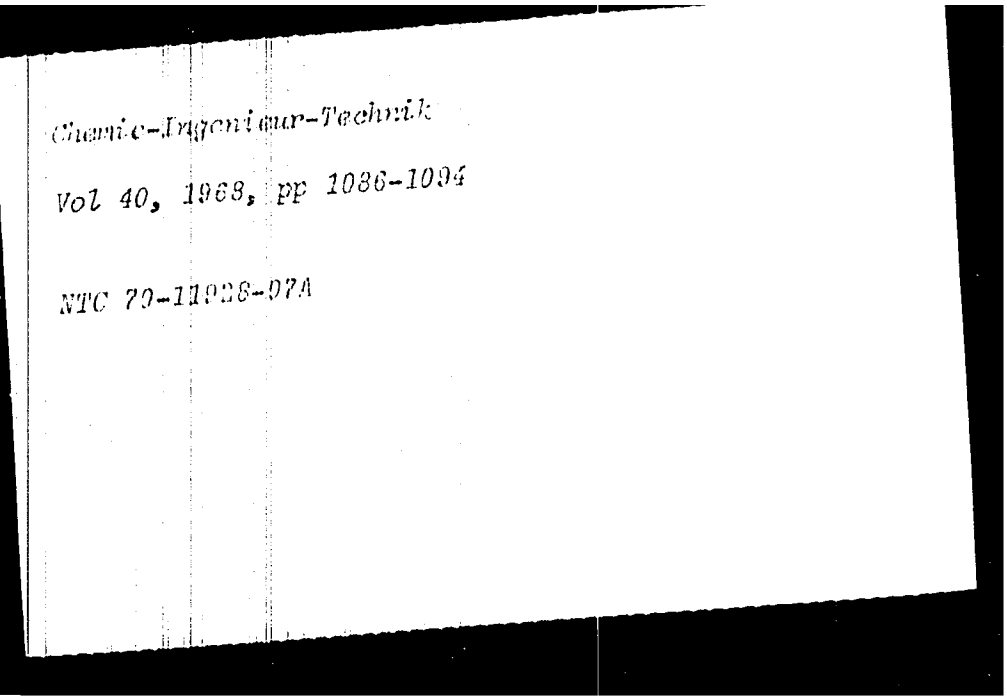
Investigations on the Manufacture of Acetylene by Methane and Light Petroleum Cracking, by C. Dumbgen, et al.
GERMAN, Per, Chemie-Ingr.-Tech, Vol 40, No 20, 1968, pp 1004-1008.
GS 39 Fund Div 1131

sci/ chemistry
aug 69

388,670

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7



Chemie-Ingenieur-Technik

Vol 40, 1968, pp 1086-1094

NTC 70-11928-07A

APPROVED FOR RELEASE: Thursday, July 11, 2002 CIA-RDP91-00772R000301570041-7